

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	<b>Attorney Docket No.</b>	247322002200
	<b>First Inventor</b>	Katsuyuki KAWAMURA
	<b>Title</b>	DECODER CIRCUIT, AND PHOTO-DETECTING AMPLIFIER CIRCUIT AND OPTICAL PICKUP INCLUDING THE DECODER CIRCUIT FOR DISK RECORDING/REPRODUCING APPARATUS
	<b>Express Mail Label No.</b>	EV332776964US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) + copy (2 pages) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages <b>33</b> ] (preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>6</b> ]	b. Specification Sequence Listing on: <ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> Paper</li></ul>
5. Oath or Declaration [Total Sheets <input ]<br="" type="checkbox"/> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	c. <input type="checkbox"/> Statements verifying identity of above copies
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (2 pages)	

<b>ACCOMPANYING APPLICATION PARTS</b>	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney	
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations (2 references) + copy (5 pages)	
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) (27 pages)	
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input type="checkbox"/> Other:	


18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

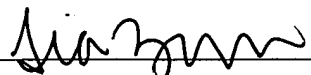
Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>19. CORRESPONDENCE ADDRESS</b>				
<input checked="" type="checkbox"/> Customer Number:	25226	OR	<input type="checkbox"/> Correspondence address below	
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Address				
City	State	Zip Code		
Country	Telephone	Fax		

Name (Print/Type)	Alan S. Hodes	Registration No. (Attorney/Agent)	38,185
Signature		Date	April 21, 2004

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FEE TRANSMITTAL for FY 2004		Complete if Known	
Effective 10/01/2003, Patent fees are subject to annual revision.		Application Number	Not Yet Assigned
		Filing Date	Concurrently Herewith
		First Named Inventor	Katsuyuki KAWAMURA
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
		Attorney Docket No.	247322002200
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>770.00</b>			

| METHOD OF PAYMENT (check all that apply)  | FEE CALCULATION (continued)  
   
   |  |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
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| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None<br><input checked="" type="checkbox"/> Deposit Account:<br>Deposit Account Number: <span style="border: 1px solid black; padding: 2px;">03-1952</span><br>Deposit Account Name: <span style="border: 1px solid black; padding: 2px;">Morrison &amp; Foerster LLP</span><br>The Director is authorized to: (check all that apply)<br><input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   | <b>3. ADDITIONAL FEES</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="2"> <b>1. 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  | 110 | 2251         | 55 | Extension for reply within first month |  | 1252            | 420      | 2252     | 210      | Extension for reply within second month |          | 1253 | 950 | 2253 | 475 | Extension for reply within third month |  | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month                 |  | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month |  | 1401 | 330   | 2401 | 165   | Notice of Appeal                                       |  | 1402 | 330  | 2402 | 165  | Filing a brief in support of an appeal                     |  | 1403                | 290    | 2403 | 145    | Request for oral hearing                            |      | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55  | Petition to revive – unavoidable        |  | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional     |  | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue)          |  | 1502 | 480   | 2502 | 240   | Design issue fee                       |  | 1503 | 640 | 2503 | 320 | Plant issue fee  |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner          |  | 1807 | 50  | 1807 | 50  | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180   | 1806 | 180   | Submission of Information Disclosure Stmt     |  | 8021 | 40  | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 770   | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 1810 | 770   | 2810 | 385 | For each additional invention to be examined (37CFR 1.129(b)) |  | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |     |      |     |                               |  | <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table> |    | Large Entity |    | Small Entity                        |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                  | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee   | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee   |  | 1003 | 530 | 2003 | 265 | Plant filing fee  |  | 1004 | 770 | 2004 | 385 | Reissue filing fee                      |  | 1005 | 160 | 2005 | 80  | Provisional filing fee                                    |  | <b>SUBTOTAL (1)</b>       |  |  |  | ( \$ ) | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td
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style="border: 1px solid black; padding: 0 5px;">290.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span> |  | **or number previously paid, if greater; For Reissues, see above |  | <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table> |  | Large Entity |  | Small Entity |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee |  | 1003 | 530 | 2003 | 265 | Plant filing fee |  | 1004 | 770 | 2004 | 385 | Reissue filing fee |  | 1005 | 160 | 2005 | 80 | Provisional filing fee |  | <b>SUBTOTAL (1)</b> |  |  |  | ( \$ ) | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td></tr></tbody></table> |  | Large Entity |  | Small Entity |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1202 | 18 | 2202 | 9 | Claims in excess of 20 |  | 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |  | 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |  | 1204 | 86 |
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  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1052  | 50   
   
   | 2052   | 25       | Surcharge – late provisional filing fee or cover sheet.                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1053  | 130  
   
   | 1053   | 130      | Non-English specification  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1812  | 2,520  
   
   | 1812   | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1804  | 920*   
   
   | 1804   | 920*     | Requesting publication of SIR prior to Examiner action                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1805  | 1,840*   
   
   | 1805   | 1,840*   | Requesting publication of SIR after Examiner action                        |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1251  | 110  
   
   | 2251   | 55       | Extension for reply within first month                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1252  | 420  
   
   | 2252   | 210      | Extension for reply within second month                                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1253  | 950  
   
   | 2253   | 475      | Extension for reply within third month                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1254  | 1,480  
   
   | 2254   | 740      | Extension for reply within fourth month                                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1255  | 2,010  
   
   | 2255   | 1,005    | Extension for reply within fifth month                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1401  | 330  
   
   | 2401   | 165      | Notice of Appeal   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1402  | 330  
   
   | 2402   | 165      | Filing a brief in support of an appeal                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1403  | 290  
   
   | 2403   | 145      | Request for oral hearing   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1451  | 1,510  
   
   | 1451   | 1,510    | Petition to institute a public use proceeding                              |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1452  | 110  
   
   | 2452   | 55       | Petition to revive – unavoidable   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1453  | 1,330  
   
   | 2453   | 665      | Petition to revive - unintentional   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1501  | 1,330  
   
   | 2501   | 665      | Utility issue fee (or reissue)   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1502  | 480  
   
   | 2502   | 240      | Design issue fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1503  | 640  
   
   | 2503   | 320      | Plant issue fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1460  | 130  
   
   | 1460   | 130      | Petitions to the Commissioner  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1807  | 50   
   
   | 1807   | 50       | Processing fee under 37 CFR 1.17(q)  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1806  | 180  
   
   | 1806   | 180      | Submission of Information Disclosure Stmt                                  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 8021  | 40   
   
   | 8021   | 40       | Recording each patent assignment per property (times number of properties) |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1809  | 770  
   
   | 2809   | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1810  | 770  
   
   | 2810   | 385      | For each additional invention to be examined (37CFR 1.129(b))              |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1801  | 770  
   
   | 2801   | 385      | Request for Continued Examination (RCE)                                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1802  | 900  
   
   | 1802   | 900      | Request for expedited examination of a design application                  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Other fee (specify) _____   |  
   
   |  |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table>   |  
   
   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee                  | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee                                       |  | 1003 | 530 | 2003 | 265 | Plant filing fee                      |  | 1004 | 770   | 2004 | 385   | Reissue filing fee                                     |  | 1005 | 160  | 2005 | 80   | Provisional filing fee                                     |  | <b>SUBTOTAL (1)</b> |        |      |        | ( \$ )  | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>( \$ )</td> <td>0.00</td> </tr> </tbody> </table>   
   
  |     | Large Entity |    | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86    | 2204 | 43    | ** Reissue independent claims over original patent     |  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |        |      |        | ( \$ )  | 0.00 |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1001  | 770  
   
   | 2001   | 385      | Utility filing fee   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1002  | 340  
   
   | 2002   | 170      | Design filing fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1003  | 530  
   
   | 2003   | 265      | Plant filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1004  | 770  
   
   | 2004   | 385      | Reissue filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1005  | 160  
   
   | 2005   | 80       | Provisional filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (1)</b>   |  
   
   |  |          | ( \$ )   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   | 2204   | 43       | ** Reissue independent claims over original patent                         |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1205  | 18   
   
   | 2205   | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (2)</b>   |  
   
   |  |          | ( \$ )   | 0.00     |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| Total Claims <span style="border: 1px solid black; padding: 0 5px;">5</span> -20** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">18.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Independent Claims <span style="border: 1px solid black; padding: 0 5px;">3</span> -3** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">86.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Multiple Dependent <span style="border: 1px solid black; padding: 0 5px;">290.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span>   |  
   
   | **or number previously paid, if greater; For Reissues, see above |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
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   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20              |        | 1201 | 86  | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |  | 1204 | 86    | 2204 | 43    | ** Reissue independent claims over original patent     |  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |        |      |        | ( \$ )  | 0.00   | <b>3. ADDITIONAL FEES</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge – late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive -
unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="2"> <b>1. 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  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   | 2204   | 43       | ** Reissue independent claims over original patent                         |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1205  | 18   
   
   | 2205   | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (2)</b>   |  
   
   |  |          | ( \$ )   | 0.00     |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1051  | 130  
   
   | 2051   | 65       | Surcharge – late filing fee or oath  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1052  | 50   
   
   | 2052   | 25       | Surcharge – late provisional filing fee or cover sheet.                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1053  | 130  
   
   | 1053   | 130      | Non-English specification  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1812  | 2,520  
   
   | 1812   | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1804  | 920*   
   
   | 1804   | 920*     | Requesting publication of SIR prior to Examiner action                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1805  | 1,840*   
   
   | 1805   | 1,840*   | Requesting publication of SIR after Examiner action                        |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1251  | 110  
   
   | 2251   | 55       | Extension for reply within first month                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1252  | 420  
   
   | 2252   | 210      | Extension for reply within second month                                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1253  | 950  
   
   | 2253   | 475      | Extension for reply within third month                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1254  | 1,480  
   
   | 2254   | 740      | Extension for reply within fourth month                                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1255  | 2,010  
   
   | 2255   | 1,005    | Extension for reply within fifth month                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1401  | 330  
   
   | 2401   | 165      | Notice of Appeal   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1402  | 330  
   
   | 2402   | 165      | Filing a brief in support of an appeal                                     |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1403  | 290  
   
   | 2403   | 145      | Request for oral hearing   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1451  | 1,510  
   
   | 1451   | 1,510    | Petition to institute a public use proceeding                              |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1452  | 110  
   
   | 2452   | 55       | Petition to revive – unavoidable   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1453  | 1,330  
   
   | 2453   | 665      | Petition to revive - unintentional   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1501  | 1,330  
   
   | 2501   | 665      | Utility issue fee (or reissue)   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1502  | 480  
   
   | 2502   | 240      | Design issue fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1503  | 640  
   
   | 2503   | 320      | Plant issue fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1460  | 130  
   
   | 1460   | 130      | Petitions to the Commissioner  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1807  | 50   
   
   | 1807   | 50       | Processing fee under 37 CFR 1.17(q)  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1806  | 180  
   
   | 1806   | 180      | Submission of Information Disclosure Stmt                                  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 8021  | 40   
   
   | 8021   | 40       | Recording each patent assignment per property (times number of properties) |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1809  | 770  
   
   | 2809   | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1810  | 770  
   
   | 2810   | 385      | For each additional invention to be examined (37CFR 1.129(b))              |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1801  | 770  
   
   | 2801   | 385      | Request for Continued Examination (RCE)                                    |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1802  | 900  
   
   | 1802   | 900      | Request for expedited examination of a design application                  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Other fee (specify) _____   |  
   
   |  |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table>   |  
   
   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee                  | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee                                       |  | 1003 | 530 | 2003 | 265 | Plant filing fee                      |  | 1004 | 770   | 2004 | 385   | Reissue filing fee                                     |  | 1005 | 160  | 2005 | 80   | Provisional filing fee                                     |  | <b>SUBTOTAL (1)</b> |        |      |        | ( \$ )  | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>( \$ )</td> <td>0.00</td> </tr> </tbody> </table>   
   
  |     | Large Entity |    | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86    | 2204 | 43    | ** Reissue independent claims over original patent     |  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |        |      |        | ( \$ )  | 0.00 |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1001  | 770  
   
   | 2001   | 385      | Utility filing fee   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1002  | 340  
   
   | 2002   | 170      | Design filing fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1003  | 530  
   
   | 2003   | 265      | Plant filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1004  | 770  
   
   | 2004   | 385      | Reissue filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1005  | 160  
   
   | 2005   | 80       | Provisional filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (1)</b>   |  
   
   |  |          | ( \$ )   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   | 2204   | 43       | ** Reissue independent claims over original patent                         |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1205  | 18   
   
   | 2205   | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (2)</b>   |  
   
   |  |          | ( \$ )   | 0.00     |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| Total Claims <span style="border: 1px solid black; padding: 0 5px;">5</span> -20** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">18.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Independent Claims <span style="border: 1px solid black; padding: 0 5px;">3</span> -3** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">86.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Multiple Dependent <span style="border: 1px solid black; padding: 0 5px;">290.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span>   |  
   
   | **or number previously paid, if greater; For Reissues, see above |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
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  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
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  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table>   |  
   
   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee                  | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee                                       |  | 1003 | 530 | 2003 | 265 | Plant filing fee                      |  | 1004 | 770   | 2004 | 385   | Reissue filing fee                                     |  | 1005 | 160  | 2005 | 80   | Provisional filing fee                                     |  | <b>SUBTOTAL (1)</b> |        |      |        | ( \$ )  | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>( \$ )</td> <td>0.00</td> </tr> </tbody> </table>   
   
  |     | Large Entity |    | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86    | 2204 | 43    | ** Reissue independent claims over original patent     |  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |        |      |        | ( \$ )  | 0.00 |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
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  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1001  | 770  
   
   | 2001   | 385      | Utility filing fee   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1002  | 340  
   
   | 2002   | 170      | Design filing fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1003  | 530  
   
   | 2003   | 265      | Plant filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1004  | 770  
   
   | 2004   | 385      | Reissue filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1005  | 160  
   
   | 2005   | 80       | Provisional filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (1)</b>   |  
   
   |  |          | ( \$ )   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   | 2204   | 43       | ** Reissue independent claims over original patent                         |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1205  | 18   
   
   | 2205   | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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| <b>SUBTOTAL (2)</b>   |  
   
   |  |          | ( \$ )   | 0.00     |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
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   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Total Claims <span style="border: 1px solid black; padding: 0 5px;">5</span> -20** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">18.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Independent Claims <span style="border: 1px solid black; padding: 0 5px;">3</span> -3** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">86.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Multiple Dependent <span style="border: 1px solid black; padding: 0 5px;">290.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span>   |  
   
   | **or number previously paid, if greater; For Reissues, see above |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
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  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table>   |  
   
   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee                  | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee                                       |  | 1003 | 530 | 2003 | 265 | Plant filing fee                      |  | 1004 | 770   | 2004 | 385   | Reissue filing fee                                     |  | 1005 | 160  | 2005 | 80   | Provisional filing fee                                     |  | <b>SUBTOTAL (1)</b> |        |      |        | ( \$ )  | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>( \$ )</td> <td>0.00</td> </tr> </tbody> </table>   
   
  |     | Large Entity |    | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86    | 2204 | 43    | ** Reissue independent claims over original patent     |  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |        |      |        | ( \$ )  | 0.00 |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1001  | 770  
   
   | 2001   | 385      | Utility filing fee   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1002  | 340  
   
   | 2002   | 170      | Design filing fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1003  | 530  
   
   | 2003   | 265      | Plant filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1004  | 770  
   
   | 2004   | 385      | Reissue filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1005  | 160  
   
   | 2005   | 80       | Provisional filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (1)</b>   |  
   
   |  |          | ( \$ )   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   | 2204   | 43       | ** Reissue independent claims over original patent                         |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
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   | 2205   | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (2)</b>   |  
   
   |  |          | ( \$ )   | 0.00     |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Total Claims <span style="border: 1px solid black; padding: 0 5px;">5</span> -20** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">18.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Independent Claims <span style="border: 1px solid black; padding: 0 5px;">3</span> -3** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">86.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Multiple Dependent <span style="border: 1px solid black; padding: 0 5px;">290.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span>   |  
   
   | **or number previously paid, if greater; For Reissues, see above |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table>   |  
   
   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee                  | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee                                       |  | 1003 | 530 | 2003 | 265 | Plant filing fee                      |  | 1004 | 770   | 2004 | 385   | Reissue filing fee                                     |  | 1005 | 160  | 2005 | 80   | Provisional filing fee                                     |  | <b>SUBTOTAL (1)</b> |        |      |        | ( \$ )  | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td>( \$ )</td> <td>0.00</td> </tr> </tbody> </table>   
   
  |     | Large Entity |    | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86    | 2204 | 43    | ** Reissue independent claims over original patent     |  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent |  | <b>SUBTOTAL (2)</b> |        |      |        | ( \$ )  | 0.00 |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1001  | 770  
   
   | 2001   | 385      | Utility filing fee   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1002  | 340  
   
   | 2002   | 170      | Design filing fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1003  | 530  
   
   | 2003   | 265      | Plant filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1004  | 770  
   
   | 2004   | 385      | Reissue filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1005  | 160  
   
   | 2005   | 80       | Provisional filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (1)</b>   |  
   
   |  |          | ( \$ )   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   | 2204   | 43       | ** Reissue independent claims over original patent                         |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1205  | 18   
   
   | 2205   | 9        | ** Reissue claims in excess of 20 and over original patent                 |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (2)</b>   |  
   
   |  |          | ( \$ )   | 0.00     |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Total Claims <span style="border: 1px solid black; padding: 0 5px;">5</span> -20** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">18.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Independent Claims <span style="border: 1px solid black; padding: 0 5px;">3</span> -3** = <span style="border: 1px solid black; padding: 0 5px;">0</span> x <span style="border: 1px solid black; padding: 0 5px;">86.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span><br>Multiple Dependent <span style="border: 1px solid black; padding: 0 5px;">290.00</span> = <span style="border: 1px solid black; padding: 0 5px;">0.00</span>   |  
   
   | **or number previously paid, if greater; For Reissues, see above |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td>( \$ )</td> <td>770.00</td> </tr> </tbody> </table>   |  
   
   | Large Entity   |          | Small Entity   |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1001 | 770 | 2001 | 385 | Utility filing fee                  | 770.00 | 1002 | 340 | 2002 | 170 | Design filing fee                                       |  | 1003 | 530 | 2003 | 265 | Plant filing fee                      |  | 1004 | 770   | 2004 | 385   | Reissue filing fee                                     |  | 1005 | 160  | 2005 | 80   | Provisional filing fee                                     |  | <b>SUBTOTAL (1)</b> |        |      |        | ( \$ )  | 770.00 | <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td></tr></tbody></table>   
   
  |     | Large Entity |    | Small Entity                           |  | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code                                | Fee (\$) | 1202 | 18  | 2202 | 9   | Claims in excess of 20                 |  | 1201 | 86    | 2201 | 43  | Independent claims in excess of 3                       |  | 1203 | 290   | 2203 | 145   | Multiple dependent claim, if not paid  |  | 1204 | 86    |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1001  | 770  
   
   | 2001   | 385      | Utility filing fee   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1002  | 340  
   
   | 2002   | 170      | Design filing fee  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1003  | 530  
   
   | 2003   | 265      | Plant filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1004  | 770  
   
   | 2004   | 385      | Reissue filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1005  | 160  
   
   | 2005   | 80       | Provisional filing fee   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| <b>SUBTOTAL (1)</b>   |  
   
   |  |          | ( \$ )   | 770.00   |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Large Entity  |  
   
   | Small Entity   |          | Fee Description  | Fee Paid |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| Fee Code  | Fee (\$)   
   
   | Fee Code   | Fee (\$) |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1202  | 18   
   
   | 2202   | 9        | Claims in excess of 20   |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1201  | 86   
   
   | 2201   | 43       | Independent claims in excess of 3  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1203  | 290  
   
   | 2203   | 145      | Multiple dependent claim, if not paid                                      |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |
| 1204  | 86   
   
   |  |          |  |          |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                                       |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   
   
  |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |      |      |       |      |       |   |  |      |     |      |     |   |  |      |       |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                                     |  |      |       |      |       |   |  |      |     |      |    |  |  |      |       |      |     |   |  |      |       |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |     |      |     |                               |  |   |    |              |    |                                     |  |                 |          |          |          |   |          |      |     |      |     |  |        |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                           |  |  |  |        |        |  
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                        |        |      |     |      |     |                                   |  |      |     |      |     |                                       |  |      |     |      |     |  |  |      |     |      |    |  |  |                     |  |  |  |        |        |   |  |  |  |   |  |                 |          |              |          |                 |          |          |          |          |          |                        |    |      |    |                        |    |                                   |    |      |     |                                   |     |                                       |     |      |     |                                       |    |  |    |      |    |  |   |  |    |                     |   |  |  |                     |      |   |  |  |      |   
   
  |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                                     |        |      |     |      |     |   |  |      |     |      |     |                           |  |      |       |      |       |  |  |      |      |      |      |  |  |                     |        |      |        |   |        |   |     |              |    |  |  |                 |          |          |          |   |          |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |       |  |  |      |     |      |     |  |  |      |     |      |     |  |  |                     |     |      |     |                          |      |   |       |  |       |   |  |              |     |              |    |                                  |          |          |          |          |          |                                    |     |      |       |                    |        |                                |     |      |     |                   |     |                  |     |      |     |                  |     |                 |     |      |     |                    |     |                               |     |      |    |                        |    |                                     |  |      |     |        |        |   |  |              |    |              |    |  |          |          |          |          |          |   |    |      |     |                        |     |   |    |      |     |                                   |     |   |     |      |     |                                       |     |   |    |                           |    |  |  |      |    |   |   |  |  |                     |  |                 |          |          |          | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |    |   |   |  |  |                     |  |                 |          |          |          |   |          |  |     |   |     |                    |        |              |     |                 |          |                   |          |          |          |      |     |                  |     |                    |        |      |     |                    |     |                   |     |      |     |                        |     |                     |  |      |     |        |        |   
   |  |              |     |              |    |                        |          |                     |          |          |          |        |        |   |   |                        |  |              |    |                 |          |                                   |          |          |          |      |     |                                       |   |                        |    |      |    |  |    |                                   |    |      |     |  |     |                                       |  |      |    |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |      |    |  |  |      |    |      |   |  |  |                     |  |  |  |        |      |   
                                       |  |  |  |   |  |              |  |              |  |                 |          |          |          |          |          |      |     |      |     |                    |        |      |     |      |     |                   |  |      |     |      |     |                  |  |      |     |      |     |                    |  |      |     |      |    |                        |  |                     |  |  |  |        |        |   |  |              |  |              |  |                 |          |          |          |          |          |      |    |      |   |                        |  |      |    |      |    |                                   |  |      |     |      |     |                                       |  |      |    |